
Technology for dental imaging solutions



**2^{ème} journée partenariat/ 2nd economical
partners day**

Laboratoire d'Excellence PRIMES

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- **Summary/ Questions**

Carestream Dental at a Glance

- Carestream Dental is an independent, global provider of dental imaging solutions and dental practice management software.
- Carestream Dental has over **100 years** of dental expertise and leadership
- Site of **Marne la Vallée, France**: R&D and Manufacturing for x-ray imaging equipment and software.
- Assembling the knowledge of industry leaders: **Trophy, Eastman Kodak and PracticeWorks.**
- Revenue in 2015: **+\$506M**
- Employees: **1000+ globally**

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We provide industry-leading dental equipment, such as imaging systems and practice management solutions, for dental and oral professionals across the globe

Global Dental imaging market

- High growth Market (growing at a CAGR of 9.7%* from 2014 to 2019) due to:
 - Rising edentulous population coupled with the increasing demand for oral care
 - Increasing preventive healthcare
- Market segmented by imaging methods:
 - **Intraoral imaging**: high precision imaging of the teeth
 - **Extraoral imaging**: panoramic, cephalometric and 3D (CBCT) modality
- Market segmented by technology :X-ray, CBCT, Intraoral Camera, Optical Imaging.
- Market segmented by application: Diagnostic, Therapeutic, Cosmetics
- Segmentation by end users:
 - General practitioners vs Specialties: implantology, orthodontics, endodontics, periodontics, oral surgery.
 - Dental clinics , dental labs

Intraoral imaging

high precision imaging of the teeth

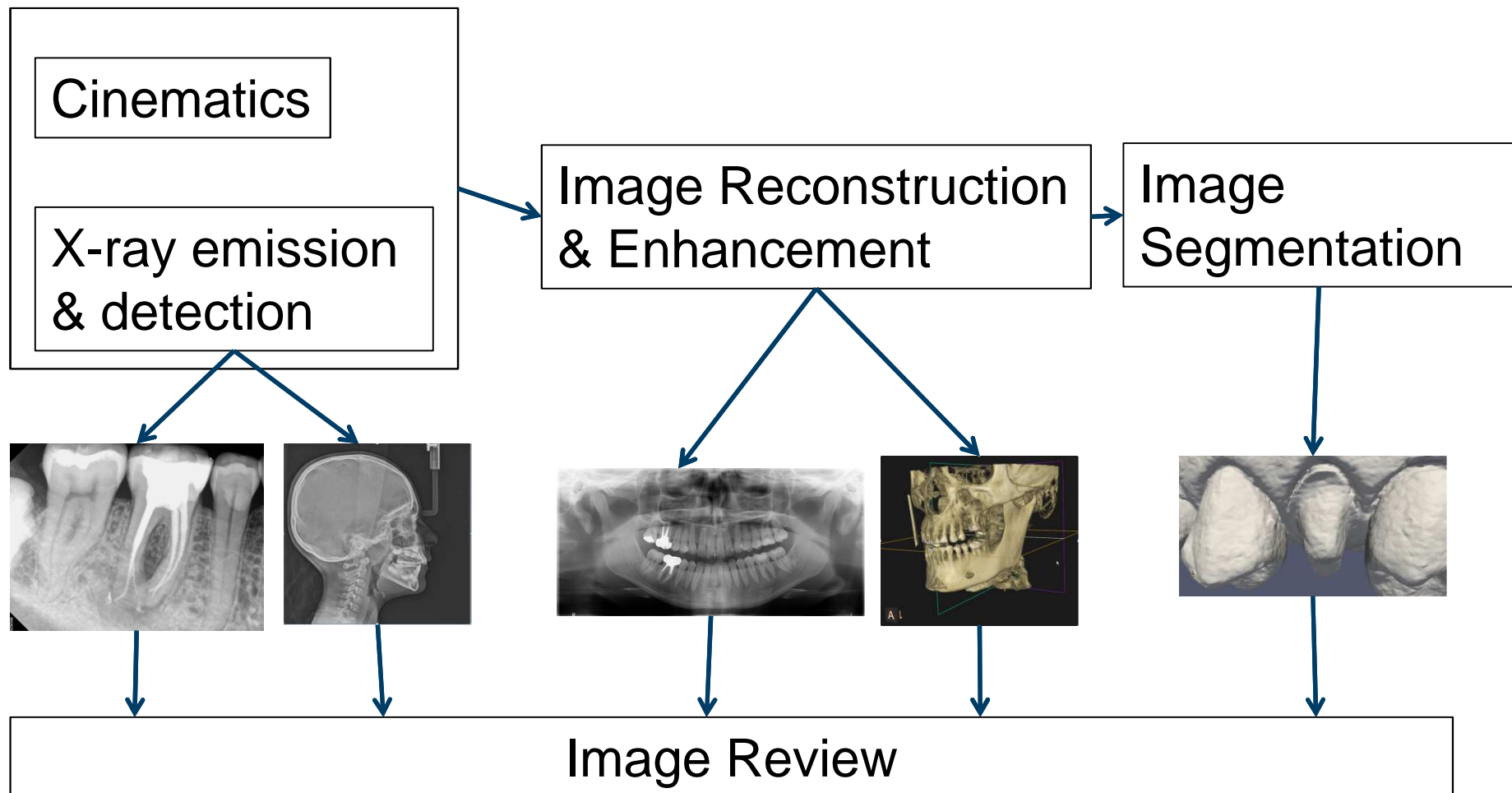


Extraoral imaging

Extraoral imaging: panoramic, cephalometric and 3D (CBCT)



Imaging Technology



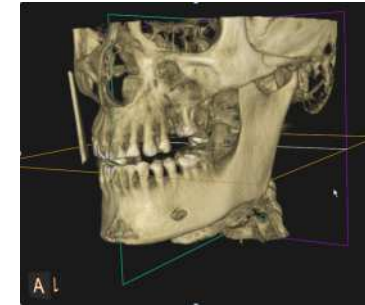
CAD/CAM Solutions

Move from imaging to datasets

- Optical imaging
- 3D (CBCT)
- CAD/CAM software
- Chairside milling unit or cloud connected to Dental Labs



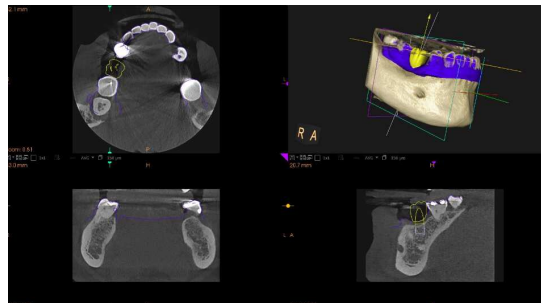
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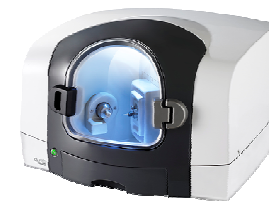
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Plan & Design



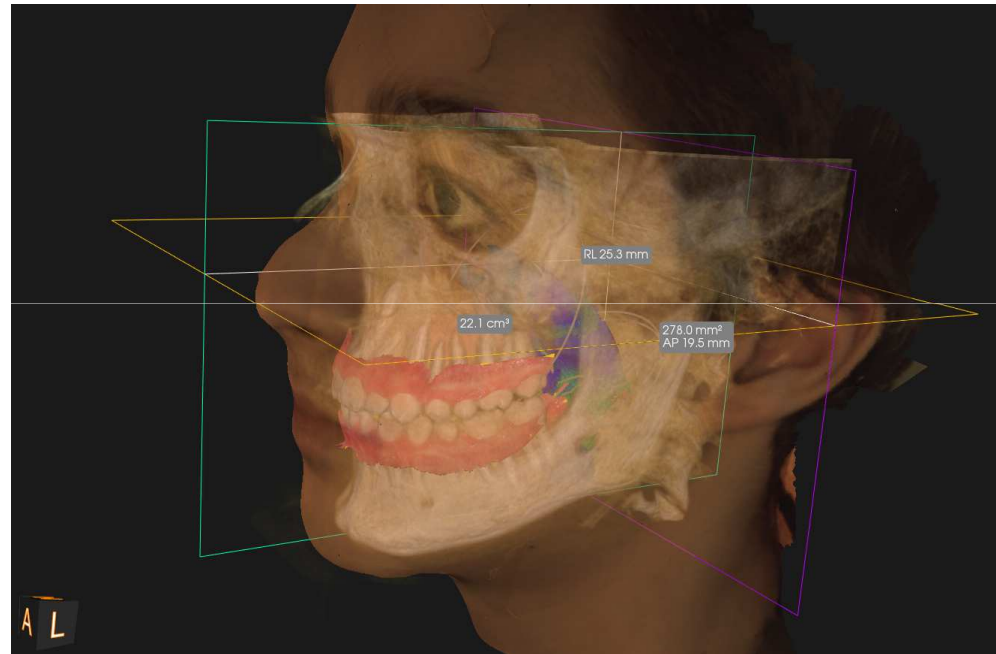
**Review
& Communicate**



Produce

Summary: Dental imaging will benefit from:

- Advances in x-ray detection & generation
- Trajectory & Advanced Reconstruction in tomography
- 3D x-ray segmentation
- Tissue qualification & quantification
- Fusion & Registration of Mesh & Voxels
- Large amount of data computing



Images for Demo available...

Questions?

Thank You!

